

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	51	"L1" and (irradiat\$4 adj plasma)	US- PGPUB; USPAT	OR	OFF	2010/06/21 15:04
L4	2	L3 and (bias adj voltage)	US- PGPUB; USPAT	OR	OFF	2010/06/21 15:04
L5	0	L4 and (acceleration adj energy)	US- PGPUB; USPAT	OR	OFF	2010/06/21 15:05
S1	1	("6902655").PN.	USPAT; USOCR	OR	OFF	2008/08/12 09:14
S2	358	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:17
S3	257	S2 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:19
S4	67	S3 and (bias adj voltage)	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:20
S5	124	S3 and bias	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:20
S6	0	S5 and (implant near5 ions)	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:20

S7	79	S5 and ions	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:20
S8	12	S7 and (electric adj current)	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:21
S9	55	S7 and current	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:21
S10	11	S9 and polarity	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:21
S11	11	S9 and (collide or collision)	US- PGPUB; USPAT	OR	OFF	2008/08/12 09:22
S12	358	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2008/08/13 15:37
S13	257	S12 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2008/08/13 15:37
S14	9	S13 and (pentacene or tetracene or anthracene or TCNQ or TTF of TDAE)	US- PGPUB; USPAT	OR	OFF	2008/08/13 15:37
S15	1	("6171451").PN.	USPAT; USOCR	OR	OFF	2008/08/14 10:55
S16	358	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:07
S17	257	S16 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:07

S18	:67	S17 and (bias adj voltage)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:07
S19	:0	S18 and (target adj ion)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:08
S20	:50	S18 and ( ion)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:08
S21	:6	S20 and implant\$4	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:08
S22	:13	S20 and (carbon adj film)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:11
S23	:1	("5693376").PN.	USPAT; USOCR	OR	OFF	2008/08/14 11:47
S24	:0	S16 and (collision adj ion)	US- PGPUB; USPAT	OR	OFF	2008/08/14 11:52
S25	:358	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2008/08/14 15:33
S26	:4	S25 and anthracene	US- PGPUB; USPAT	OR	OFF	2008/08/14 15:33
S27	:1	("5591312").PN.	USPAT; USOCR	OR	OFF	2008/08/14 15:59
S28	:94	(kasama-Y\$).in.	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46
S29	:257	S25 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46

S30	124	S29 and bias	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46
S31	79	S30 and ions	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46
S32	2	S31 and (electric adj current)	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46
S33	0	S28 and S32	US- PGPUB; USPAT	OR	OFF	2008/08/14 16:46
S34	3285	427/569,523,238;204/173,186.04,157.47,176.ccls.	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:00
S35	358	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01
S36	257	S35 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01
S37	124	S36 and bias	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01
S38	79	S37 and ions	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01
S39	2	S38 and (electric adj current)	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01
S40	0	S34 and S39	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:01

S41	19	S35 and (target adj (material or substance))	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:24
S42	0	S41 and anthracene	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:25
S43	1	("20050129607").PN.	US- PGPUB; USPAT	OR	OFF	2008/08/15 08:43
S44	1	("6884404").PN.	USPAT; USOCR	OR	OFF	2009/03/06 08:49
S45	398	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2009/03/06 08:57
S46	0	S45 and (target adj ions)	US- PGPUB; USPAT	OR	OFF	2009/03/06 08:57
S47	5	S45 and (collision adj ions)	US- PGPUB; USPAT	OR	OFF	2009/03/06 08:57
S48	398	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2009/03/06 12:39
S49	287	S48 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2009/03/06 12:39
S50	0	S49 and (ion adj diameter)	US- PGPUB; USPAT	OR	OFF	2009/03/06 12:39
S51	1	("5916642").PN.	USPAT; USOCR	OR	OFF	2009/08/18 13:48

S52	51	("5346683"   "5456986"   "5457343"   "5482601"   "5543378").PN. OR ("5916642").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/08/18 14:53
S53	457	(film near5 formation same generate adj plasma)	US- PGPUB; USPAT	OR	OFF	2010/02/25 09:07
S54	336	S53 and (control or change same (density near10 implant\$4 ion))	US- PGPUB; USPAT	OR	OFF	2010/02/25 09:07
S55	0	S54 and (encapsulation adj target adj ion)	US- PGPUB; USPAT	OR	OFF	2010/02/25 09:07
S56	1	("6251522").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 09:38
S57	1	("20080226835").PN.	US- PGPUB; USPAT	OR	OFF	2010/02/25 10:32
S58	0	("200800226835").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 12:51
S59	1	("20080226835").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/21 12:52

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L1	872462	(production adj method near5 encapsulat \$4-fullerene near20 generate adj plasma near5 encapsulation adj target adj ions near5 collision adj ions near5 collision ion diameters larger than diameter cyclic ring near5 fullerene adj molecules).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/06/21 15:03
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6/21/2010 3:06:04 PM

C:\Documents and Settings\mangadi\My Documents\EAST\Workspaces\Production method of material film, 10593557.wsp